
MATERIAL SAFETY DATA SHEET
according to 91/155/EEC

Name of company: delta pronatura
Date of issue: 21.05.1999

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1. Identification of the substance/preparation and company

Product name: **CARBONA COLOR RUN Remover**
Product use: Home laundry additive
Product description: Dry powder sealed in plastic packages (2.6 oz and 7 oz)

Manufacturer:
delta pronatura
Hans-Böckler-Str. 5
D-62363 Neu-Isenburg
Phone: int+49-6102-2001-0
Fax: int+49-6102-200191

Distributor:
Delta Carbona L.P.
461 Route 46 West
Fairfield, N.J. 07004
Phone: (973)808-6260
Fax: (973)808-5661

2. Composition/information on ingredients

Components presenting a health hazard

Component	CAS #	m%
Sodium dithionit	7775-14-6	45-65
Sodium carbonate	497-19-6	20-40

3. Possible hazards

Irritating to eyes. Dust may cause respiratory irritation. Material can catch fire in air if heated above 180°F (approx). Fumes from burning or decomposing material may contain small amounts of sulfuric dioxide.

4. First aid measures

General advice: Remove contaminated clothing.

If inhaled: Remove victim to fresh air. Get medical help.

On skin contact: Wash thoroughly affected area with soap and water.

On contact with eyes: Flush eyes with water for at least 15 minutes. Get medical help.

On ingestion: Immediately rinse mouth. Drink large amounts of water. Get medical help.

5. Fire fighting measures

Suitable extinguishing media: Carbon dioxide, water in great amounts, sand, foam.

Unsuitable extinguishing media for safety reasons: Water spray.

The following can be given off in a fire: Sulfur dioxide (small amounts) Turn out gear and self-contained breathing apparatus should be worn.

6. Accidental release measures

Personal precautions: Avoid contact with skin, eyes and clothing. Breathing protection recommended.

Environmental precautions: Do not discharge product into natural waters without pretreatment (biological treatment plant)

Methods for cleaning up: Pick up and dispose of in accord with local, state and federal regulations

7. Handling and storage

Handling: Material may slowly evolve gases containing sulfur dioxide when exposed to moisture and air. Material is contained in small individual plastic packages. Care should be taken to avoid damaging the packaging and exposing the material to air and moisture.

Storage: Keep away from heat. Material can ignite on exposure to air and elevated temperatures. Store in ventilated dry location. Store separately from heat-sensitive, readily combustible or oxidizing materials.

8. Exposure controls and personal protection

Additional advice on system protection: No additional advice.

Personal protective equipment for handling unpacked material:

Respiratory protection: Do not breathe dust. Local exhaust ventilation.

Skin protection: Protective gloves.

Eye protection: Safety glasses

General safety and hygiene measures: The usual precautions for the handling of chemicals must be observed. Eye and hand protection, respiratory protection (Sulphur dioxide).

9. Physical and chemical properties

Physical state: Powder

Colour: White

Odour: Perfumed

Data relevant to safety:

Melting point:	n.a.
Flash point:	n.a.
Self-ignition temperature:	n.a.
Explosion hazard:	n.a.
Density:	n.a.
Bulk density:	1000 g/l
Solubility in water: (20°C)	200 g/l (approx.)
pH value:	10,5 (approx.) (at 50 g/l, 20°C)

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Product: **CARBONA COLOR RUN Remover**

10. Stability and reactivity

Stability: React slowly with moist air. Burns in air when heated to approx. 180°F.

Hazardous decomposition products: Sulphur dioxide

Conditions to avoid: Strong acids, oxidizers, moisture.

11. Toxicological information

Acute toxicity (by analogy)

LD50/oral/rat: approx. 3000 mg/kg (relate to sodium dithionite)

Primary skin irritation (rabbit): Not-irritant.

Primary mucous membrane irritation (rabbits' eyes): Irritant.

12. Ecological information

Behaviour and environmental fate

Inorganic reducing agent, oxidized in solution by atmospheric oxygen.

Inhibition of activated sludge activity not anticipated if introduced at low concentrations.

Ecotoxic effects

Toxicity to fish: LC50/Leuciscus idus: 10-100 mg reduction/l / 48 h.

13. Disposal consideration

Product: Must be disposed in accordance with local and federal regulations.

14. Transport information

Land transport ADR/RID/GGVSt/GGVE:

Class: Item number/letter:

Warning panel: - Hazard-no.: -

Substance-no.: - UN-No.:

Description of the goods:

Inland waterway transport ADN/ADNR:

Class: Item number/letter:

Description of goods:

Sea transport IMDG/GGVSee:

Class: UN-No.:

PG:

EMS:

MFAG:

Marine pollutant:

Proper technical name:

Air transport ICAO/IATA:

Class: UN-No.:

PG:

Cargo:

Passenger:

Remarks:

No dangerous goods according to regulations

15. Regulatory information

Labelling according to EEC Directives

Xi - Irritant

R 36 - Irritating to eyes

S 2 - Keep out of reach of children.

S 7/8 - Keep container tightly closed and dry.

S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 28 - In case of contact with the skin, rinse immediately with plenty of water.

S 43 - In case of fire, use extinguishing powder or sand. Never use water.

S 46 - If swallowed, seek medical advice immediately and show this container or label.

S 50 - Do not mix with acids.

National legislation/regulations

Water hazard class: 1 (Germany)

16. Other information

n.a. = Not applicable

The information is based on the present state of our knowledge. It should not therefore be construed as guaranteeing specific properties of the products as described or their suitability for a particular application.
